

# ILLINOIS WEATHER & CROPS



**ILLINOIS  
AGRICULTURAL  
STATISTICS SERVICE**

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U.S. DEPARTMENT OF AGRICULTURE  
ILLINOIS DEPARTMENT OF AGRICULTURE

**RELEASED: July 11, 1994 3 P.M., CDT**  
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## CROPS

Ninety percent of the corn crop and 89 percent of the soybean crop was rated in good or excellent condition last week. Continued rainfall will be needed over the next few weeks as the corn crop enters the critical stage of pollination. Crops continue to be stressed severely in areas of the central and east districts that were missed by recent rainfalls. Other areas of the state which experienced rains reported good growth under the hot summer heat. Post spraying for weeds and cultivating in soybeans was common last week as wheat harvest made good progress and oat harvest had just begun. Double-crop soybean planting was winding up in the southern four districts where adequate moisture generally was available for planting. Insect pressure is most common in the driest regions of the state and includes alfalfa leafhoppers, cornborers, corn rootworm beetles, grasshoppers and spider mites. Other farm activities included caring for livestock and attending county fairs. Pasture condition was rated at 89 percent of normal as of July 8.

### CROP PROGRESS - July 10, 1994

Crop Stage	: 1994	: 1993	: 5-Year
			Average

Percent

#### CORN:

##### Height (inches)

Average	64	41	53
Most Advanced	79	62	72
Silked	23	3	24

#### SOYBEANS:

Blooming	38	13	33
Setting Pods	5	1/	9

#### WHEAT:

Ripe	99	95	97
Harvested	85	62	79

#### SORGHUM:

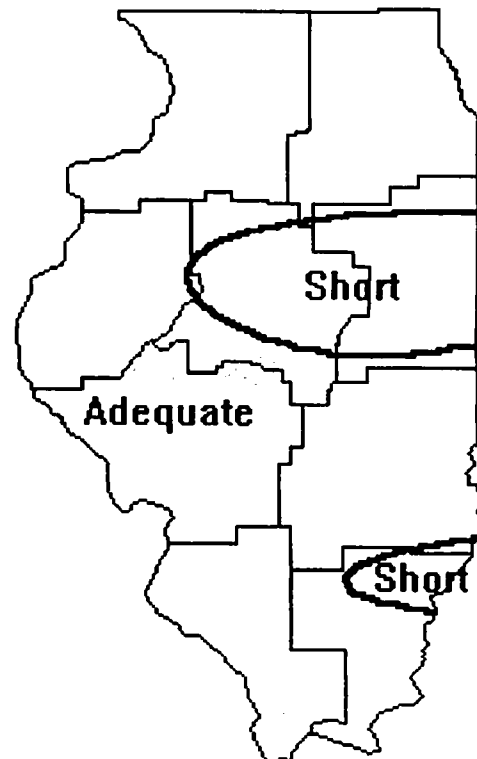
Headed	5	1	6
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#### OATS:

Filled	99	70	90
Turning Yellow	91	32	63
Ripe	47	11	30
Harvested	9	1/	15

#### ALFALFA HAY:

Second Crop	64	38	53
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**Soil Moisture Supply  
July 8, 1994**

1/ Less than one percent

The crops portion (pages 1 and 2) of Illinois Weather & Crops is available by facsimile. Phone 217-492-4295 for further information.

Crop	Excellent	Good	Fair	Poor	Very Poor
			Percent		
Corn	24	66	10	-	-
Soybeans	15	74	11	-	-
Sorghum	5	90	5	-	-
Oats	6	74	17	3	-
Alfalfa Hay	12	72	14	2	-

District	: Soybean Acreage:	: Days Suitable	: Soil Moisture		
	: % Blooming	: For Fieldwork	: Percent		
			: Short	: Adequate	: Surplus
	: July 10	: July 2 - 8	As of July 8		
Northwest	: 25	: 4.0	: 5	: 95	: 0
Northeast	: 30	: 4.0	: 15	: 80	: 5
West	: 40	: 5.0	: 15	: 80	: 5
Central	: 60	: 5.0	: 50	: 50	: 0
East	: 60	: 4.5	: 45	: 55	: 0
W Southwest	: 25	: 5.5	: 5	: 95	: 0
E Southeast	: 15	: 5.0	: 15	: 85	: 0
Southwest	: 25	: 6.0	: 10	: 90	: 0
Southeast	: 20	: 6.0	: 55	: 45	: 0
State	: 38	: 5.0	: 22	: 77	: 1

Date	5-Year Average (%)	1993 (%)
Jun 12	2	1
Jun 19	4	2
Jun 26	8	4
Jul 3	15	8
Jul 10	38	13
Jul 17	53	31
Jul 24	68	53
Jul 31	79	74
Aug 7	88	85
Aug 14	92	90
Aug 21	95	93

# WEATHER

Hot and humid air smothered Illinois much of the week until a cold front ushered in cooler and much more pleasant weather for the weekend. The heat and humidity helped fuel scattered afternoon and evening thunderstorms during the week, some of which produced strong winds, heavy downpours, and frequent and deadly lightning. Most areas likely received some rain, but the scattered nature of storms resulted in a wide range of amounts.

The week averaged 0 to 3 degrees warmer than normal in most areas. Average highs were mostly in the middle 80's to around 90. Average lows were in the the 60's. Daily extremes ranged from highs in the middle 90's to lows in the upper 40's and 50's.

Rainfall for the week was quite variable. Totals ranged from under one-half inch to over one inch with isolated heavier amounts.

The forecast for Wednesday through Friday, July 13-15, calls for scattered thunderstorms Wednesday and in southern Illinois on Thursday. Highs in the 80's to lower 90's Wednesday should be in the 80's Thursday and Friday. Lows will be in the lower 60's to lower 70's.

Week ending 8 A.M. Monday, July 11, 1994

Location	Temperatures			Precipitation			Growing Degree Days (50F)		
	Maxi-	Mini-	Depar-	Curr.:	Since:	Departure	Curr.:	Since:	Departure
	mum	mum	ture	week	May 1:	since May 1:	week	May 1:	since May 1
Elizabeth	83	60	0	1.47	14.22	5.39	149	1157	72
Rockford	83	65	2	1.04	9.03	-0.64	168	1302	164
Chicago	86	67	4	0.44	7.68	-0.72	176	1251	133
Chi Botanical	86	66	5	0.71	9.34	1.10	171	1140	182
Watseka	86	65	2	0.12	6.44	-3.21	171	1313	118
Peru	86	66	2	0.72	7.26	-2.20	175	1323	85
Moline	85	66	1	1.67	9.17	-1.13	174	1367	93
Peoria	87	67	2	0.11	4.37	-4.87	181	1405	108
Monmouth	83	65	-1	0.90	6.69	-2.65	166	1309	-3
Quincy	85	67	0	0.31	9.04	-0.96	177	1381	28
Perry	87	65	0	0.08	7.60	-1.92	172	1296	-46
Springfield	88	68	2	0.65	10.98	2.69	185	1458	68
Urbana	87	64	1	0.33	5.78	-3.83	172	1362	40
Windsor	88	67	1	0.30	6.04	-3.07	185	1388	-4
Terre Haute	89	67	3	0.49	7.54	-2.17	187	1473	137
St. Louis	91	72	N/A	0.86	5.56	N/A	206	1638	N/A
Belleville	88	69	1	0.14	7.19	-1.73	191	1555	106
Brownstown	87	64	0	0.15	6.21	-3.57	174	1399	31
Iuka	88	65	0	1.45	7.03	-2.94	178	1404	-15
Lawrenceville	87	68	1	0.62	8.49	-1.22	185	1385	-45
Vincennes	88	66	1	0.66	9.33	-0.79	180	1338	-34
Dixon Springs	89	69	2	0.64	5.24	-5.80	193	1537	84
Paducah	90	70	1	1.28	4.76	-5.72	198	1619	61
Olive Branch	89	69	1	0.79	5.19	-5.07	192	1565	48
Carbondale	88	68	1	0.79	8.80	-1.17	189	1456	-3
C Girardeau	91	70	N/A	0.79	5.29	N/A	200	1631	N/A

N/A - Not available.

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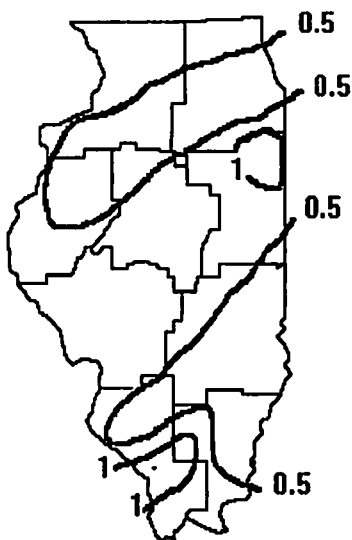
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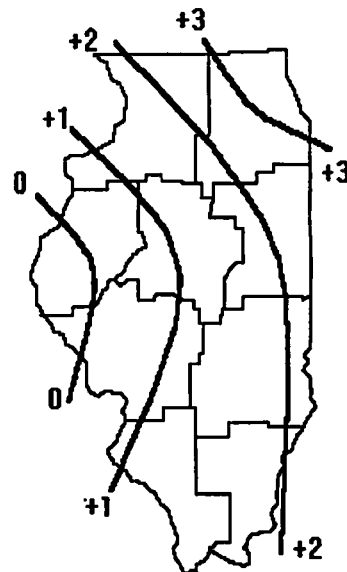
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Weather maps provided by Illinois State Water Survey  
Champaign, Illinois 61820



Precipitation (inches)  
July 5-11, 1994



Temperature Departure  
July 5-11, 1994

CROP PROGRESS INFORMATION in this report is provided voluntarily by local area officials of Agricultural Stabilization and Conservation Service, Extension Service, Soil Conservation Service, Farm Business Farm Management field staff, and agribusiness managers.

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